

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently amended) An inner supporting structure of a bellows, the structure comprising:

 guiding tracks installed in the bellows, extending along an axial direction of the bellows;

 moving members slidably installed on the guiding tracks along the axial direction and in the bellows; and

 intermediate supporting members for coupling the moving members and the bellows,
 wherein the moving members include moving blocks movably installed on the guiding tracks without being allowed to derail therefrom, respectively, and

 wherein the moving members include rollers axially supported on the moving blocks so as to slide on the guiding tracks.
2. (Original) The inner supporting structure of claim 1, wherein the guiding tracks include an upper and a lower track respectively positioned at an inner upper and an inner lower portion of the bellows so as to be adjacent to an inner surface of the bellows.
3. (Canceled)
4. (Currently amended) The inner supporting structure of claim 1 [[3]], wherein each of the guiding tracks has a guiding groove portion having an approximately C-shaped cross section, and the moving blocks are slidably installed in the guiding groove portion.
5. (Canceled)

6. (Currently amended) The inner supporting structure of claim 1 [[5]], wherein there are provided the plural moving members that are slidable with respect to each other along the axial direction and have protruding parts capable of contacting with each other before the rollers touch each other so as to set a minimum distance between the plural moving members.

7. (Original) The inner supporting structure of claim 6, wherein the rollers are axially supported on sidewalls of the protruding parts.

8. (Original) The inner supporting structure of claim 6, wherein the rollers include a first and a second roller respectively provided at a front and a rear portion of each of the moving blocks, and the first and the second roller are alternately positioned with respect to a central line of the moving blocks extending in the axial direction; and wherein the protruding parts include a first and a second protruding part provided at a front and a rear portion of each of the moving blocks, and the first and the second protruding part are alternately arranged with respect to the central line, the first and the second protruding part of two adjacent moving members being positioned on an opposite side with respect to the central line.

9. (Currently amended) The inner supporting structure of claim 1 [[3]], wherein there are provided the plural moving members that are slidable with respect to each other along the axial direction, the structure further comprising coupling members coupled with the moving blocks so as to determine a maximum distance between the plural moving members.

10. (Original) The inner supporting structure of claim 9, wherein each of the guiding tracks has a guiding groove portion having an approximately C-shaped cross section, and the moving blocks and the coupling members are slidably installed in the guiding groove portion.

11. (Original) The inner supporting structure of claim 9, wherein, as for a first, a second and a third moving members arranged side by side, the coupling members include a first hook for determining a maximum distance between the first and the second moving member and a second hook for determining a maximum distance between the second and the third moving member, wherein the first and the second hook are alternately arranged with respect to a central line of the moving blocks extending in the axial direction.

12. (Currently amended) A movable stage device for moving an object to be processed in a vacuum chamber or a chamber filled with specified gas or liquid, the device comprising:

a linear guide provided between a first and a second sidewall in the chamber;
a movable frame that is movable along a longitudinal direction of the linear guide inserted into the movable frame to pass therethrough;

a pair of bellows surrounding the linear guide between the movable frame and the first and the second sidewall, the movable frame and the pair of bellows forming an auxiliary space airtightly isolated from the other portions of the chamber;

a driving member for moving the movable frame along the linear guide;

guiding tracks installed in the pair of bellows, extending along an axial direction of the pair of bellows;

moving members movably positioned on the guiding tracks along the axial direction and in the bellows; and

intermediate supporting members for connecting the moving members and the pair of bellows,

wherein the moving members include moving blocks movably installed on the guiding tracks without being allowed to derail therefrom, respectively, and

wherein the moving members include rollers axially supported on the moving blocks so as to slide on the guiding tracks.

13. (Original) The movable stage device of claim 12, wherein the chamber is set to have a vacuum atmosphere therein, and the auxiliary space communicates with an atmospheric atmosphere.

14. (Original) The movable stage device of claim 12, wherein the driving member is positioned at a predetermined location in the pair of bellows.

15. (Original) The movable stage device of claim 13, further comprising a bendable and stretchable transfer arm unit provided on the movable frame, for handling the object to be processed.

16. (Original) The movable stage device of claim 15, further comprising a transfer chamber housing forming the chamber, wherein the transfer chamber housing is connected to a processing apparatus for performing a semiconductor processing on the object to be processed.

17. (New) The inner supporting structure of claim 11, wherein each of the first, the second, and the third moving member has two groove portions and two snags,

wherein the first hook is slidably supported in one groove portion of the first moving member and one groove portion of the second moving member, and the second hook is slidably supported in the other groove portion of the second moving member and one groove portion of the third moving member, and

wherein the first hook is engaged by one snag of the first moving member and one snag of the second moving member, and the second hook is engaged by the other snag of the second moving member and one snag of the third moving member.

18. (New) The movable stage device of claim 12, wherein there are provided the plural moving members that are slidable with respect to each other along the axial direction and have protruding parts capable of contacting with each other before the rollers touch each other so as to set a minimum distance between the plural moving members, and

wherein the rollers include a first and a second roller respectively provided at a front and a rear portion of each of the moving blocks, and the first and the second roller are alternately positioned with respect to a central line of the moving blocks extending in the axial direction; and wherein the protruding parts include a first and a second protruding part provided at a front and a rear portion of each of the moving blocks, and the first and the second protruding part are alternately arranged with respect to the central line, the first and the second protruding part of two adjacent moving members being positioned on an opposite side with respect to the central line.

19. (New) The movable stage device of claim 12, wherein there are provided the plural moving members that are slidable with respect to each other along the axial direction, the structure further comprising coupling members coupled with the moving blocks so as to determine a maximum distance between the plural moving members.

20. (New) The movable stage device of claim 19, wherein, as for a first, a second and a third moving members arranged side by side, the coupling members include a first hook for determining a maximum distance between the first and the second moving member and a second hook for determining a maximum distance between the second and the third moving member, wherein the first and the second hook are alternately arranged with respect to a central line of the moving blocks extending in the axial direction.

21. (New) The movable stage device of claim 12, wherein each of the first, the second, and the third moving member has two groove portions and two snags,

wherein the first hook is slidably supported in one groove portion of the first moving member and one groove portion of the second moving member, and the second hook is slidably supported in the other groove portion of the second moving member and one groove portion of the third moving member, and

wherein the first hook is engaged by one snag of the first moving member and one snag of the second moving member, and the second hook is engaged by the other snag of the second moving member and one snag of the third moving member.